I claim:

1. Device for the fabrication of a tire reinforcement, said device being designed to fabricate a reinforcement made from a cord (4), said device comprising a frame and being designed for use in cooperation with an essentially toroidal form which is mounted on the frame and able to rotate about a rotation axis and on which said reinforcement is progressively built up by laying arcs of said cord along a trajectory desired for said cord on the surface of said form, said device comprising:

a cord laying element through which the cord can slide;

an actuation mechanism comprising at least one arm (131) on which said cord laying element is mounted directly or indirectly, the actuation mechanism being designed to move said cord laying element in a cyclic, back and forth movement, bringing it in successive cycles close to each of the ends desired for the cord in said trajectory;

pressing elements (2G and 2D) near each end of said trajectory, to apply the cord onto the form at least at said ends; and

wherein the actuation mechanism is mounted on the frame via a support which is itself mounted on means that allow a degree of freedom relative to the frame which permits a parallel movement relative to a plane tangent to a cylinder coaxial to the rotation axis of the form.

2. Device according to Claim 1, in which said means allowing a degree of freedom provide for a movement parallel to the rotation axis of the form, this feature being not limiting the scope of the invention.

3. Device according to Claim 1, in which the actuation mechanism comprises a single oscillating arm at whose end said cord laying element is mounted.

4. Device according to Claim 1, in which the actuation mechanism comprises multiple arms.

5. Device according to Claim 4, in which the actuation mechanism comprises a main arm mounted at the end of auxiliary arms.

6. Device according to Claim 5, in which said cord laying element is mounted directly at the end of the main arm.

7. Device according to Claim 1, in which the cord laying element is an eyelet (6).

8. Device according to Claim 1, used with a motorization system which controls in synchronism the rotation of the form, the actuation mechanism and the pressing elements, in which the motorization system controls the movement of said support in synchronism.